

AYER
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	2.54	6	236	Male	1.62	1	NC*
Female	1.27	0	NC*	Female	1.52	2	NC*
Total	3.81	6	157	Total	3.14	3	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.97	0	NC*	Male	0.47	1	NC*
Female	0.94	0	NC*	Female	0.55	1	NC*
Total	1.91	0	NC*	Total	1.02	2	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.16	0	NC*	Male	2.24	4	NC*
Female	18.63	20	107	Female	2.33	2	NC*
Total	18.79	20	106	Total	4.57	6	131
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	1.25	1	NC*	Male	1.66	4	NC*
				Female	1.00	0	NC*
				Total	2.65	4	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	6.43	11	171	Female	2.26	4	NC*
Female	8.21	9	110				
Total	14.64	20	137				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.89	2	NC*	Male	0.95	0	NC*
Female	0.42	0	NC*	Female	1.33	2	NC*
Total	1.31	2	NC*	Total	2.28	2	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.57	0	NC*	Male	15.17	28	185 ~+
Female	0.44	0	NC*				
Total	1.02	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	1.49	1	NC*	Male	1.09	1	NC*
Female	1.11	0	NC*	Female	0.89	3	NC*
Total	2.60	1	NC*	Total	1.99	4	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.86	3	NC*	Male	0.89	2	NC*

Female	0.29	1	NC*				
Total	1.15	4	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	1.24	0	NC*	Male	0.37	0	NC*
Female	1.13	0	NC*	Female	1.04	3	NC*
Total	2.37	0	NC*	Total	1.41	3	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.51	0	NC*				
Female	0.28	0	NC*	Female	3.51	4	NC*
Total	0.79	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	8.06	13	161	Male	52.03	86	165 ^+
Female	7.59	6	79	Female	60.62	63	104
Total	15.65	19	121	Total	112.65	149	132 ~+

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels